

IN THE CLAIMS:

Please cancel claim 1 without prejudice.

Claim 2, in re-written "clean" format, follows:

CLAIM 2. (Amended) A conductor connection device for a downhole environment comprising:

a first section connectable to implements intended to be located farther downhole than said first section when said device is installed in a wellbore;

at least one first conductor associated with said first section;

a first connector in operable communication with said at least one first conductor, said first connector being maintained in a clean condition or being cleanable by operation of the connection device;

a second section connectable to implements intended to be located farther uphole than said second section when said device is installed in a wellbore;

at least one second conductor associated with said second section;

a second connector in operable communication with said at least one second conductor, said second connector being maintained in a clean condition or being cleanable by operation of the connection device, said second connector being connectable to said first connector by operation of said connection device;

a third section connectable to said second section prior to being run downhole to substitute for functions of the second section related to the second connector and releasable from said second section after connection with said first section;

at least one third conductor associated with said third section;

a third connector in operable communication with said at least one third conductor, said third conductor also being in operable communication with said at least one second conductor, said third conductor being maintained in a clean condition or cleanable by operation of said connection device;

said third connector being connectable to said first connector by operation of said connection device;

a forth connector in operable communication with said at least one third conductor, said forth connector being maintained in a clean condition or being cleanable by operation of a subsequently run connection device.

Claim 3, in re-written "clean" format, follows:

CLAIM 3. (Amended) A conductor connection device as claimed in claim 2 wherein said first connector and said second connector each comprise:

at least one pad;

at least one fluid impermeable covering on each said at least one pad.

Claim 6, in re-written "clean" format, follows:

CLAIM 6. (Amended) A conductor connection device as claimed in claim 2 wherein said connection device is configured to provide a dielectric material to a vicinity of interconnection between said first connector and said second connector.

Claim 11, in re-written "clean" format, follows:

CLAIM 11. (Amended) A conductor connection device as claimed in claim 2 wherein said first connector and said second connector are exposed to environmental conditions and are wiped clean during operation of the connection device.

Claim 19, in re-written "clean" format, follows:

CLAIM 19. (Amended) A conductor connection device for a downhole environment comprising:

a first section connectable to implements intended to be located farther downhole than said first section when said device is installed in a wellbore;

at least one first conductor associated with said first section;

a first connector in operable communication with said at least one first conductor, said first connector being maintained in a clean condition or being cleanable by operation of the connection device;

by *by*

a second section connectable to implements intended to be located farther uphole than said second section when said device is installed in a wellbore;

at least one second conductor associated with said second section;

a second connector in operable communication with said at least one second conductor, said second connector being maintained in a clean condition or being cleanable by operation of the connection device, said second connector being meltable to connect said second connector to said first connector.

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Claim 62, in re-written "clean" format, follows:

CLAIM 62. (Amended) A method for creating a conductive connection in a downhole environment comprising:

installing a first section connectable to implements located farther downhole from an intended location of said first section, said first section having at least one conductor associated therewith and a connector operably connected to said at least one conductor, said conductor being maintained in a clean condition;

being cleanable upon engagement of said first section

installing a second section connectable to implements located farther uphole than an intended location of said second section, said second section having at least one conductor associated therewith and a connector operably connected to said at least one conductor, said conductor being maintained in a clean condition or being cleanable upon engagement of said first section with said second section, *with said second section*

engaging said first section with said second section.

section

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PLEASE ADD THE FOLLOWING NEW CLAIMS:

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--CLAIM 69. A conductor connection device for a downhole environment comprising:

a first section connectable to implements intended to be located farther downhole than said first section when said device is installed in a wellbore;

at least one first conductor associated with said first section;

a first connector in operable communication with said at least one first conductor, said first connector being maintained in a clean condition;

a second section connectable to implements intended to be located farther uphole than said second section when said device is installed in a wellbore;

at least one second conductor associated with said second section;

a second connector in operable communication with said at least one second conductor, said second connector being maintained in a clean condition or being cleanable by operation of the connection device, said second connector being connectable to said first connector by operation of said connection device.

112 Cont. CLAIM 70. A conductor connection device as claimed in claim 69 wherein said first connector and said second connector each comprise:

at least one pad;

at least one fluid impermeable covering on each said at least one pad.

CLAIM 71. A conductor connection device as claimed in claim 70 wherein said connection device further includes at least one interconnector providing interconnection between said first connector pad and said second connector pad.

CLAIM 72. A conductor connection device as claimed in claim 71 wherein said interconnector is a conductive piercing member which pierces said at least one fluid impermeable covering on each said at least one pad upon operation of said connection device.

CLAIM 73. A conductor connection device as claimed in claim 69 wherein said connection device is configured to provide a dielectric material to a vicinity of interconnection between said first connector and said second connector.

112 CLAIM 74. A conductor connection device as claimed in claim 73 wherein said covering is rubber. 70

112 CLAIM 75. A conductor connection device as claimed in claim 73 wherein said covering is metal. 70

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not disclosed

CLAIM 76. A conductor connection device as claimed in claim 73 wherein said dielectric material is oil.

CLAIM 77. A conductor connection device as claimed in claim 73 wherein said dielectric material is grease.

CLAIM 78. A conductor connection device as claimed in claim 69 wherein said first connector and said second connector are exposed to environmental conditions and are wiped clean during operation of the connection device.

CLAIM 79. A conductor connection device as claimed in claim 78 wherein said device is configured to provide a dielectric material to an interconnection vicinity of said connection device.

CLAIM 80. A conductor connection device as claimed in claim 79 wherein said dielectric material is oil.

CLAIM 81. A conductor connection device as claimed in claim 79 wherein said dielectric material is grease.

CLAIM 82. A conductor connection device as claimed in claim 79 wherein said dielectric material is dispensed from a reservoir in said device.

CLAIM 83. A conductor connection device as claimed in claim 78 wherein said first connector and said second connector are wiped clean by each other.

CLAIM 84. A conductor connection device as claimed in claim 78 wherein said first connector and said second connector are wiped clean by a wiper.

CLAIM 85. A conductor connection device as claimed in claim 82 wherein said reservoir includes a check valve.

CLAIM 86. A conductor connection device as claimed in claim 69 wherein said first connector is a pad and said second connector includes a meltable conductive element.

CLAIM 87. A conductor connection device as claimed in claim 86 wherein said element is meltable by a coil.

CLAIM 88. A conductor connection device as claimed in claim 87 wherein said coil is powered from within said device.

CLAIM 89. A conductor connection device as claimed in claim 87 wherein said coil is powered from external to said device.

CLAIM 90. A conductor connection device as claimed in claim 69 wherein said device is configured to provide a dielectric material to an area of interconnection of said first connector and said second connector.

CLAIM 91. A conductor connection device as claimed in claim 90 wherein said dielectric material is oil.

CLAIM 92. A conductor connection device as claimed in claim 90 wherein said dielectric material is grease.--